

**REQUEST FOR EXTENSION OF TIME**

An Extension of Time and the appropriate fee are filed herewith to extend the response period from September 10, 2001 to March 10, 2001.

IN THE CLAIMS

Please cancel all claims on file, and substitute the following new claims 24-31 for Examination and allowance.

24. A method for a communication system comprising:
compiling a database of strength of a pilot signal measured at different mobile stations in said communication system, wherein said pilot signal is transmitted from one of a plurality of base stations in said communication system;
determining a neighbor list of base stations from said plurality of base stations for a mobile station, in said communication system, based on said compiled database of strength of said pilot signal.

25. The method as recited in claim 24 further comprising:
receiving said strength of said pilot signal via a pilot strength measurement message.

26. The method as recited in claim 24 wherein said compiled database includes compiled statistical data of strength of said pilot signal measured at different mobile stations, and wherein said determining is based on said compiled statistical data.

27. The method as recited in claim 24 further comprising:
modifying at least one transmission characteristic, including angle of
transmission, of at least one of said plurality of base stations based on said compiled
database of strength of said pilot signal.

28. An apparatus for a communication system comprising:
a database for compiling strength of a pilot signal measured at different mobile
stations in said communication system, wherein said pilot signal is transmitted from one
of a plurality of base stations in said communication system;
a processor for determining a neighbor list of base stations from said plurality of
base stations for a mobile station based on said compiled database of strength of said
pilot signal.

29. The apparatus as recited in claim 28 further comprising:
a receiver for receiving said strength of said pilot signal via a pilot strength
measurement message.

30. The apparatus as recited in claim 28 wherein said compiled database
includes compiled statistical data of strength of said pilot signal measured at different
mobile stations, and wherein said determining is based on said compiled statistical
data.

31. The apparatus as recited in claim 28 further comprising:
means for modifying at least one transmission characteristic, including angle of
transmission, of at least one of said plurality of base stations based on said compiled
database of strength of said pilot signal.